

General Description

The XBS-03-RB33-NNB precision 75Ω BNC Connector is a right angle mounted PCB connector working at frequencies up to 3GHz. It features Pathfinder™ light pipe technology with the viewport located in the bottom of the connector, to aid port identification even when mated.

This connector is available as:
XBS-03-RB33-NNB as a connector only part
XBS-03-RB33-NNB-AA supplied with Hex Nut & Washer



Electrical

Impedance		75Ω
Frequency Range		0-3GHz
Working Voltage		500Vrms
Reflection Factor (VSWR)		1.106 (max) 0-1.5GHz 1.20 (max) 1.5-3GHz
Dielectric Withstanding Voltage		1500Vrms
Insulation Resistance		≥5000MΩ
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

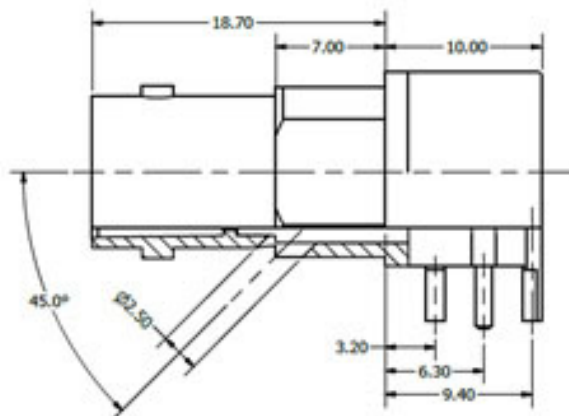
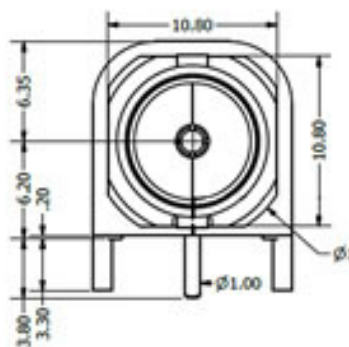
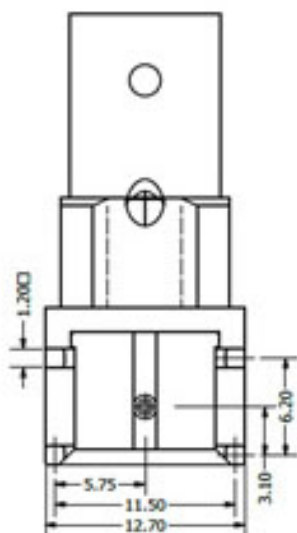


Materials

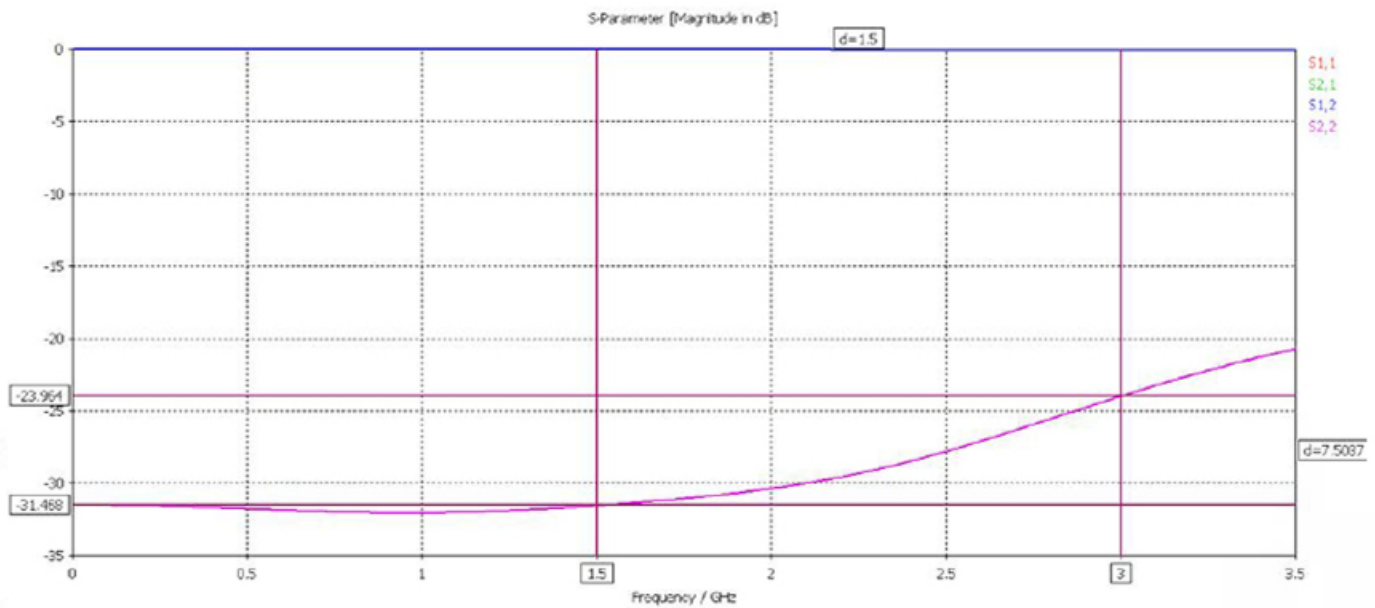
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Die Cast Zinc/Ni
Insulators	UL94 HB TPX

Environmental

Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	250



Return Loss Graph



PCB Layout and Panel Cutout

